

WHAT IS CLAIMED IS:

1. A light-emission display panel, comprising:
self light-emission elements in which a self
light-emitting layer is held between first and second
5 electrodes; and

pixel wiring members for pixels formed of said
self light-emission elements; said first electrode
having a light transmitting property, and each pixel
10 wiring member including metal wirings which are formed
together with said first electrode in the same plane
over a light transmitting dielectric substrate to
reflect light emitted laterally from said self light-
emitting layer.

2. The light-emission display panel according to
15 claim 1, further comprising an insulating member
including an insulating film covering said pixel wiring
member and said first electrode, and a water repellent
insulating film covering said insulating film, said
self light-emitting layer being disposed only within an
20 opening which is formed in said insulating member to
partially expose said first electrode and is tapered
toward an exposed surface of said first electrode.

3. The light-emission display panel according to
claim 2, wherein said insulating film has a hydrophilic
25 surface serving as an inner wall of said opening.

4. The light-emission display panel according
to claim 2, wherein said insulating film is of

DECEMBER 19, 1994

a multi-layered structure including a protective insulating film and a hydrophilic insulating film.

5. A light-emission display panel, comprising:
self light-emission elements in which a self light-emitting layer is held between a transparent electrode and a reflection electrode;
pixel wiring members for pixels formed of said self light-emission elements; and
an insulating member which includes an insulating film covering said pixel wiring member and said transparent electrode, and a water repellent insulating film covering said insulating film, said self light-emitting layer being formed within an opening which is formed in said insulating member to expose part of said transparent electrode and is tapered toward the exposed part of said transparent electrode.

20. The light-emission display panel according to claim 5, wherein said insulating film has a hydrophilic surface serving as an inner wall of said opening.

25. The light-emission display panel according to claim 5, wherein said insulating film is of a multi-layered structure including a protective insulating film and a hydrophilic insulating film.

25. A method of manufacturing a light-emission display panel having a matrix array of self light-emission elements in which a self light-emitting layer is held between a transparent electrode and

a reflection electrode and light is externally radiated through the transparent electrode, the method comprising:

5 formation of a semiconductor layer in an island
form over a transparent dielectric substrate;

formation of a gate electrode on said
semiconductor layer via a gate insulating film;

formation of an interlayer insulating film on said
gate insulating film and said gate electrode;

0 formation of the transparent electrode on a
selected area of said interlayer insulating film; and

formation of a metal electrode which contacts said
semiconductor layer via an opening formed in said
interlayer insulating film and said gate insulating
film after formation of said transparent electrode.

THE COAST OF CALIFORNIA.